

**Notic of Allowability**

Application No.

10/659,609

Examiner

Hien D. Vu

Applicant(s)

BU ET AL

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication on 5/17/04.
2. ☒ The allowed claim(s) is/are 1,3,5,9-11,13 and 15-17.
3. ☒ The drawings filed on 09 September 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachm nt(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 9/09/03
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 5/27/04
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**HIEN VU**  
**PRIMARY EXAMINER**

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Wei T. Chung on 5/17/04.

The application has been amended as follows:

Claim 1 now reads as following:

A card edge connector comprising:

a dielectric housing comprising an elongated base and an arm extending from one end of the base, the base comprising an upper engaging face, an elongated slot extending along a length of the base and a plurality of passageways communicating with the slot, the arm comprising a cavity communicating with the slot and an insulative resilient finger formed from an inner wall of the arm and extending downwardly in the cavity; and

a plurality of terminals received in corresponding passageways and each comprising a contact portion exposed in the slot and a solder tail extending beyond the base,

wherein the insulative resilient finger and a proximal inside wall of the cavity define a slit therebetween,

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wherein the insulative resilient finger is formed with a protrusion at a lower end thereof,

wherein the arm has an inner face adjoining the engaging face, an outer face opposite to the inner face and a top face interconnecting the inner face and the outer face, and wherein the cavity extends through the inner face and the top face,

wherein the insulative resilient finger extends from adjacent the top face of the arm,

wherein the card edge connector further comprising an ejector retained in the arm, and

wherein the arm comprising a second insulative resilient finger opposing the insulative resilient finger.

Claim 12, line 11, "resilient finger integrally extending from an upper portion" has been changed to

- insulative resilient finger integrally formed from an inner wall of the arm and extending from a top face --; last line "." has been changed to -- , -- and new lines have inserted as follows:
- wherein the resilient finger is formed with a protrusion at a lower end thereof,
- wherein the arm comprised a second cantilever resilient finger opposing the insulative resilient finger, and
- wherein the finger terminates at a middle portion of said arm. -

Claim 17, line 11, "resilient finger integrally extending from an upper portion" has been changed to

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- insulative resilient finger integrally formed from an inner wall of the arm and extending from a top face --; last line "." has been changed to -- , -- and new lines have inserted as follows:
- wherein the resilient finger is formed with a protrusion at a lower end thereof,
- wherein the arm comprised a second cantilever resilient finger opposing the cantilever resilient finger. –

Claims 2, 4, 6, 7, 8, 12 and 14 have been deleted.

Claim 9, line 1, "8" has been changed to – 1 --.

The following is an examiner's statement of reasons for allowance:

Claims 1, 3, 5, 9-11, 13 and 15-17 are allowable over the prior art of record for at least the reason that the prior art fails to teach or suggest an insulative resilient finger formed from an inner wall of the cavity and extending downwardly in the cavity of the arm, wherein the insulative resilient finger extends from a top face of the arm, and wherein the arm has a second insulative resilient finger opposing to the insulative resilient finger as set forth in the claimed combination.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hien D. Vu whose telephone number is 571-272-2016.

The examiner can normally be reached on 9-5.

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HV  
5/27/04

A handwritten signature in black ink, appearing to read "Hienvu", written in a cursive style.

**HIENVU**  
**PRIMARY EXAMINER**